

SEQUENCE LISTING

<110> FUKATSU, KOHJI
 SASAKI, SHINOBU
 HINUMA, SHUJI
 ITO, YASUAKI
 SUZUKI, NOBUHIRO
 HARADA, MASATAKA
 YASUMA, TSUNEO

<120> RECEPTOR FUNCTION REGULATOR

<130> 66530(46590)

<140> 10/534,081

<141> 2005-05-05

<150> PCT/JP2003/014139

<151> 2003-11-06

<150> JP 2003-153986

<151> 2003-05-30

<150> JP 2003-16889

<151> 2003-01-27

<150> JP 2002-324632

<151> 2002-11-08

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<170> PatentIn Ver. 3.3

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His Ala Lys Leu Arg Leu Thr Pro Ser Leu Val Tyr Thr Leu His Leu
 35 40 45

Gly Cys Ser Asp Leu Leu Leu Ala Ile Thr Leu Pro Leu Lys Ala Val
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Glu Ala Leu Ala Ser Gly Ala Trp Pro Leu Pro Leu Pro Phe Cys Pro
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Val Phe Ala Leu Ala His Phe Ala Pro Leu Tyr Ala Gly Gly Gly Phe
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 Trp Arg Lys Leu Gly Leu Ile Thr Gly Ala Trp Ser Val Val Leu Asn
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<213> Mus musculus

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 Ala Cys Ser Asp Leu Leu Leu Ala Ile Thr Leu Pro Leu Lys Ala Val
 50 55 60
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 65 70 75 80
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 100 105 110
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 115 120 125
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 145 150 155 160
 Asn Ile Pro Val Asn Gly Ser Pro Val Cys Leu Glu Ala Trp Asp Pro
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 195 200 205
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 210 215 220
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 Asn Ala Ser Asn Val Ala Ser Phe Ile Asn Pro Asp Leu Glu Gly Ser
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<213> Homo sapiens
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His Ala Arg Leu Arg Leu Thr Pro Ser Leu Val Tyr Ala Leu Asn Leu
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Gly Cys Ser Asp Leu Leu Leu Thr Val Ser Leu Pro Leu Lys Ala Val
  50          55          60

Glu Ala Leu Ala Ser Gly Ala Trp Pro Leu Pro Ala Ser Leu Cys Pro
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Val Phe Ala Val Ala His Phe Phe Pro Leu Tyr Ala Gly Gly Gly Phe
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 Leu Ala Arg Ser Gly Leu Thr His Arg Arg Lys Leu Arg Ala Ala Trp
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<213> *Macaca fascicularis*

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 35 40 45

Gly Cys Ser Asp Leu Leu Leu Thr Val Ser Leu Pro Leu Lys Ala Val
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Glu Ala Leu Ala Ser Gly Ala Trp Pro Leu Pro Ala Ser Leu Cys Pro
 65 70 75 80

Val Phe Gly Val Ala His Phe Ala Pro Leu Tyr Ala Gly Gly Gly Phe
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Leu Ala Ala Leu Ser Ala Gly Arg Tyr Leu Gly Ala Ala Phe Pro Leu
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Gly Tyr Gln Ala Phe Arg Arg Pro Cys Tyr Ser Trp Gly Val Cys Ala
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Ala Ile Trp Ala Leu Val Leu Cys His Leu Gly Leu Val Phe Val Leu
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Glu Ala Pro Gly Gly Trp Leu Asp His Ser Asn Thr Ser Leu Gly Ile
 145 150 155 160

Asn Thr Pro Val Asn Gly Ser Pro Val Cys Leu Glu Ala Trp Asp Pro
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Ala Ser Ala Gly Pro Ala Arg Phe Ser Leu Ser Leu Leu Leu Phe Phe
 180 185 190

Leu Pro Leu Ala Ile Thr Ala Phe Cys Tyr Val Gly Cys Leu Arg Ala
 195 200 205

Leu Ala His Ser Gly Leu Thr His Arg Arg Lys Leu Arg Ala Ala Trp
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Val Ala Gly Gly Ala Leu Leu Thr Leu Leu Leu Cys Val Gly Pro Tyr
 225 230 235 240

Asn Ala Ser Asn Val Ala Ser Phe Leu Asn Pro Asn Leu Gly Gly Ser
 245 250 255

Trp Arg Lys Leu Gly Leu Ile Thr Gly Ala Trp Ser Val Val Leu Asn
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 <212> PRT
 <213> *Mesocricetus auratus*

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Arg Ala Arg Leu Arg Leu Thr Pro Asn Leu Val Tyr Thr Leu His Leu
 35 40 45

Ala Cys Ser Asp Leu Leu Leu Ala Ile Thr Leu Pro Val Lys Ala Val
 50 55 60

Glu Ala Leu Ala Ser Gly Ala Trp Pro Leu Pro Leu Pro Leu Cys Pro
 65 70 75 80

Val Phe Val Leu Val His Phe Ala Pro Leu Tyr Ala Gly Gly Gly Phe
 85 90 95

Leu Ala Ala Leu Ser Ala Gly Arg Tyr Leu Gly Ala Ala Phe Pro Phe
 100 105 110
 Gly Tyr Gln Ala Val Arg Arg Pro Arg Tyr Ser Trp Gly Val Cys Val
 115 120 125
 Ala Ile Trp Ala Leu Val Leu Cys His Met Gly Leu Val Leu Gly Leu
 130 135 140
 Glu Ala Pro Gly Gly Trp Leu Asn Thr Thr Ser Ser Ser Leu Gly Ile
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 Asn Thr Pro Val Asn Gly Ser Pro Val Cys Leu Glu Ala Trp Asp Pro
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 Asn Ser Ala Arg Pro Ala Arg Leu Ser Phe Ser Ile Leu Leu Phe Phe
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 Val Pro Leu Val Ile Thr Ala Phe Cys Tyr Val Gly Cys Leu Arg Ala
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 210 215 220
 Ala Ala Gly Gly Ala Phe Leu Thr Leu Leu Leu Cys Leu Gly Pro Tyr
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 245 250 255
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 <212> DNA
 <213> Artificial Sequence

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<212> DNA
<213> Artificial Sequence

<220>
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<220>
 <223> Description of Artificial Sequence: Synthetic
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<210> 22
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 <212> DNA
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<220>
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<220>
 <223> Description of Combined DNA/RNA Molecule:
 Synthetic primer

<220>
 <223> Description of Artificial Sequence: Synthetic primer

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